out of the way

with the excavator.

require such a tool.

equipment required.

13.

14.

move a safe distance away.



For guidance on managing construction health risks go to www.hse.gov.uk/construction





Using the Mini Excavator

Stay within the cab until parked up properly. Do not lean out to move obstacles or give assistance. Watch out for hazardous areas such as soft ground, trenches or overhead obstacles.

Be careful on slopes - avoid turning on them if possible.

If any pipe or cable is damaged, the repair bill may have to be paid by you.

Never move the excavator adjacent to any trench where men are working.

All open trenches and excavations must be cordoned off and warning signs erected.

Take care not to drive forward over a trench; always move back and away from the trench.

In freezing conditions, park the excavator on timbers to prevent the tracks becoming frozen.

19. If the equipment does not work properly, do not attempt to repair it. Contact the hire company.

Please keep this leaflet safely as it may be required for future reference

Lower the bucket and dozer blade, stop the machine, apply the parking brake and remove the key

Be aware of what is happening all around. Do not assume that other persons or obstacles will move

If there is any possibility of a power cable or gas pipe in the area where digging is to occur, do not dig

Use a cable avoidance tool to locate the metal pipes and cables. Contact the hire company if you

If a trench is going to be more than 1 metre deep it should be properly supported with trench props to prevent it collapsing. Contact the hire company who will be able to supply any additional

If an open vehicle, such as a dumper, is being loaded then the driver must not be seated and should

1903 Safety Guidance 5d



Mini Excavator

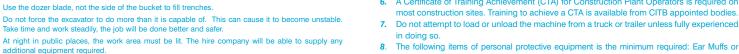
The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read all of this leaflet **BEFORE** you use the Mini Excavator

- Plan work and think ahead to ensure work will always be carried out safely.
- Diesel fuel is highly flammable. Take care not cause a fire or explosion
- The mini excavator is designed for digging trenches and larger excavations. It is also used for loading earth-moving vehicles
- The action of the mini excavator can cause injury or damage if the equipment is not used in a careful and controlled way.
- Do not drive this excavator unless you have previous experience or have had a course of instruction from a responsible body. Drivers of this vehicle should have at least a current site safety awareness certificate.
- A Certificate of Training Achievement (CTA) for Construction Plant Operators is required on most construction sites. Training to achieve a CTA is available from CITB appointed bodies.
- plugs giving protection at the ear of levels up to 85dB(A); safety helmet; safety boots; high visibility vest or similar reflective garment.
- temporary or permanent disability must seek expert advice before using the machine.







- The excavator must not be used by minors or by anyone under the influence of drugs or
- The excavator is designed for operation by an able bodied adult. Anyone with either a









2450 Regents Court

The Crescent

Always stop on firm level ground away from the work area and other traffic.







3.













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The Crescent Birmingham Business Park nuo sinegen uce



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4. Hemember to remove the key. monisod no em or Close the throttle fully and turn the ignition key

tor a tew minutes to cool down. throttle and allow the engine to tick over do not switch on engine immediately. Reduce

Set the bucket and dozer blade on the STOPPING THE ENGINE

It any fuel is split on the ground, wipe it up or

In warm temperatures or it the engine is warm

few seconds then repeat the preheater cycle.

If the engine fails to start turn the key off for a

position to engage the starter motor for about

position for 10 seconds, then turn to the start

Set all hydraulic controls to neutral position,

EUSULE NO OUE IS WITH THE WORK AREA OF THE

Replace all fuel caps properly and leave the

If any diesel is spilt on clothes, change them

It any fuel is split on the ground, wipe it up or

Wipe any spilt fuel off the machine. Dispose of

a fuel pump available use a funnel. Do not spill any diesel on yourself or the excavator.

Use clean diesel when refuelling. If there is not

Fasten the seat belt if one is provided.

STARTING THE MACHINE

fuel container in a safe, cool place.

the diesel soaked cloth carefully.

turn the key to the start position.

REFUELLING

. Ио ѕтокіпд.

place away from the work area.

Stop the engine and let it cool down.

If in any doubt regarding the insurance cover, check with the hire company or insurer

If possible, drive the mini excavator to a safe

normal insurance policies will give in a nignway accident, it is unlikely that In addition, be aware that if damage is caused to property belonging to a third party or if

Some nire companies will offer insurance cover

against theft or vandalism. However the machine must always be secured

the sale custody of the machine. The hire company must be indemnified against loss or unreasonable damage such as vandallam. The best way to achieve this is by insurance.

Under the terms of hire, you are responsible for

INSURANCE

тво, тое епестот гое измет сопиотя мін арреац

throttle, drive into a clear area and carefully practice all control movements and machine actions until familiar with them. 10. Before starting work let the engine run at part

before starting the engine. Don't forget the control levers may not be in exactly the same position as other machines. Ensure you know which is which



44 (0) 121 333 4109

44 (0) 121 380 4600

Mever carry passengers on any part of the Do not use the bucket as a temporary work

Do not use the excavator as a crane.

the flashing amber beacon on the excavator When working on or near a public highway, engage when leaving the machine.

able the hydraulic controls. The control lock at be released to commence work and re-Most excavators have control locks which

have been supplied in good condition and ready to use by the hire company – ensure that it has not been damaged or altered in any way since then Check the excavator each time it is used. It will

Check the machine, engine, tracks, bucket and all equipment. Do not use anything found to be damaged – contact the hire company.

MINI EXCAVATOR

protective equipment. Anyone who is working near the mini excavator

naing the mini excavator. If fitted the seat belt must always be worn when

A reflective vest or similar nign visibility garment the mini excavator.

Safety Boots must be worn when working with machine on a construction site. A safety helmet must be worn when using the ·wnwiwiw e

plugs giving hearing protection for this level as The equipment is likely to cause noise levels up to 88 dB (A) – wear appropriate ear muffs or a fixely and a serious factors. higher level of protection.

Particular jobs or environment may require a The following items of personal protective equipment (PPE) are the minimum that should be worn whenever using the small dumper.

SHOTAR390

It the work area is complex or noisy, always across large gaps.

forget that high-voltage electricity can jump the highest part of the raised skip. Do not Keep well away from any overhead power lines unless they are at least 5m (16th) above they are at 16th and 16th lines they are at 16th lines and 16th lines are at 16th lines and 16th lines and 16th lines are at 16th lines and 16th lines are at 16

or anything else that may cause a hazard. Ensure there are no tree branches, scattolding damage me nacks.

holes and trenches or objects that may

Check the work area for soft ground, slopes, the area where the dig is to take place.

cables, gas or water pipes or other services in Check there are no underground pow must have an appropriate driving licence

unless the machine is insured and complies with road traffic regulations. In addition, you Never operate on any public road or highway

ventilation will almost always be required. been tully assessed. Mechanical extraction suitability and the ventilation required has and only use it in other indoor situations if its sisoning. Mever use it in domestic premis spaces could cause fatal carbon monoxide Using this equipment indoors or in confined betrol or gas cylinders.

danger of explosion. It will ignite fumes from no uot nze tue mini digger where there is a

> **MORK AREA** Before Starting Work



Remember when moving with the cab rotated

WHICH IS WHICH.

















Clean the filler cap and the area around it to prevent dirt falling into the diesel tank.